

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/521,675

Source: PCT

Date Processed by STIC: 1-30-05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 01/30/2005

PATENT APPLICATION: US/10/521,675

TIME: 10:36:41

Input Set : A:\59520-00009.ST25.txt

Output Set: N:\CRF4\01302005\J521675.raw

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3 <110> APPLICANT: EYEGENE INC.
4     YOO, Won Il
5     LEE, Sung Ho
6     PARK, Kunewoo
7     CHO, Yang Je
8     AHN, Bo Young
9     KWON, Oh Woong
11 <120> TITLE OF INVENTION: Protein for Diagnosing Diabetic Retinopathy
13 <130> FILE REFERENCE: 59520-00009
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/521,675
C--> 15 <141> CURRENT FILING DATE: 2005-01-18
15 <150> PRIOR APPLICATION NUMBER: KR102002041771
16 <151> PRIOR FILING DATE: 2002-07-16
18 <150> PRIOR APPLICATION NUMBER: PCT/KR2003/000544
19 <151> PRIOR FILING DATE: 2003-03-20
21 <160> NUMBER OF SEQ ID NOS: 4
23 <170> SOFTWARE: KopatentIn 1.71
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 353
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
31 Ala Ser Pro Thr Ser Pro Lys Val Phe Pro Leu Ser Leu Cys Ser Thr
32 1 5 10 15
34 Gln Pro Asp Gly Asn Val Val Ile Ala Cys Leu Val Gln Gly Phe Phe
35 20 25 30
37 Pro Gln Glu Pro Leu Ser Val Thr Trp Ser Glu Ser Gly Gln Gly Val
38 35 40 45
40 Thr Ala Arg Asn Phe Pro Pro Ser Gln Asp Ala Ser Gly Asp Leu Tyr
41 50 55 60
43 Thr Thr Ser Ser Gln Leu Thr Leu Pro Ala Thr Gln Cys Leu Ala Gly
44 65 70 75 80
46 Lys Ser Val Thr Cys His Val Lys His Tyr Thr Asn Pro Ser Gln Asp
47 85 90 95
49 Val Thr Val Pro Cys Pro Val Pro Ser Thr Pro Pro Thr Pro Ser Pro
50 100 105 110
52 Ser Thr Pro Pro Thr Pro Ser Pro Ser Cys Cys His Pro Arg Leu Ser
53 115 120 125
55 Leu His Arg Pro Ala Leu Glu Asp Leu Leu Leu Gly Ser Glu Ala Asn
56 130 135 140
58 Leu Thr Cys Thr Leu Thr Gly Leu Arg Asp Ala Ser Gly Val Thr Phe
59 145 150 155 160
61 Thr Trp Thr Pro Ser Ser Gly Lys Ser Ala Val Gln Gly Pro Pro Glu

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62          165          170          175
64 Arg Asp Leu Cys Gly Cys Tyr Ser Val Ser Ser Val Leu Pro Gly Cys
65          180          185          190
67 Ala Glu Pro Trp Asn His Gly Lys Thr Phe Thr Cys Thr Ala Ala Tyr
68          195          200          205
70 Pro Glu Ser Lys Thr Pro Leu Thr Ala Thr Leu Ser Lys Ser Gly Asn
71          210          215          220
73 Thr Phe Arg Pro Glu Val His Leu Leu Pro Pro Pro Ser Glu Glu Leu
74 225          230          235          240
76 Ala Leu Asn Glu Leu Val Thr Leu Thr Cys Leu Ala Arg Gly Phe Ser
77          245          250          255
79 Pro Lys Asp Val Leu Val Arg Trp Leu Gln Gly Ser Gln Glu Leu Pro
80          260          265          270
82 Arg Glu Lys Tyr Leu Thr Trp Ala Ser Arg Gln Glu Pro Ser Gln Gly
83          275          280          285
85 Thr Thr Thr Phe Ala Val Thr Ser Ile Leu Arg Val Ala Ala Glu Asp
86          290          295          300
88 Trp Lys Lys Gly Asp Thr Phe Ser Cys Met Val Gly His Glu Ala Leu
89 305          310          315          320
91 Pro Leu Ala Phe Thr Gln Lys Thr Ile Asp Arg Leu Ala Gly Lys Pro
92          325          330          335
94 Thr His Val Asn Val Ser Val Val Met Ala Glu Val Asp Gly Thr Cys
95          340          345          350
97 Tyr

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101 <210> SEQ ID NO: 2

102 <211> LENGTH: 10

103 <212> TYPE: PRT

104 <213> ORGANISM: Homo sapiens

106 <400> SEQUENCE: 2

107 Trp Leu Gln Gly Ser Gln Glu Leu Pro Arg

108 1 5 10

111 <210> SEQ ID NO: 3

112 <211> LENGTH: 1059

113 <212> TYPE: DNA

114 <213> ORGANISM: Homo sapiens

116 <400> SEQUENCE: 3

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117 gcaagcttga ccagcccca ggtcttcccg ctgagcctct gcagcaccga gccagatggg      60
119 aacgtgggtca tcgcctgcct ggtccagggc ttcttccccc aggagccact cagtgtgacc      120
121 tggagcgaaa gcggacaggg cgtgaccgcc agaaacttcc caccagcca ggatgctcc      180
123 ggggacctgt acaccacgag cagccagctg accctgccgg ccacacagtg cctagcggc      240
125 aagtccgtga catgccacgt gaagcactac acgaatccca gccaggatgt gactgtgccc      300
127 tgcccagttc cctcaactcc acctaccca tctccctcaa ctccacctac cccatctccc      360
129 tcatgctgcc acccccgact gtcactgcac cgaccggccc tcgaggacct gctcttaggt      420
131 tcagaagcga acctcacgtg cacactgacc ggcctgagag atgcctcagg tgtcaccttc      480
133 acctggacgc cctcaagtgg gaagagcgct gttcaaggac cacctgaccg tgacctctgt      540
135 ggctgctaca gcgtgtccag tgtcctgtcg ggctgtgccg agccatggaa ccatgggaag      600
137 accttcactt gcaactgtgc ctaccccgag tccaagacct cgctaaccgc caccctctca      660
139 aatccggaa acacattccg gcccgaggtc cacctgctgc cgccgcgctc ggaggagctg      720
141 gccctgaacg agctggtgac gctgacgtgc ctggcacgtg gcttcagccc caaggatgtg      780

```

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```

143 ctggttcgct ggctgcaggg gtcacaggag ctgccccgcg agaagtacct gacttgggca      840
145 tcccggcagg agcccagcca gggcaccacc accttcgctg tgaccagcat actgcgcgtg      900
147 gcagccgagg actggaagaa ggggggacacc ttctcctgca tggtagggcca cgaggccctg      960
149 ccgctggcct tcacacagaa gaccatcgac cgcttgggcg gtaaaccacac ccatgtcaat     1020
151 gtgtctgttg tcatggcgga ggtggacggc acctgctac                             1059
154 <210> SEQ ID NO: 4
155 <211> LENGTH: 30
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo sapiens
161 <400> SEQUENCE: 4
162 tggctgcagg ggtcacagga gctgccccgc                                     30

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/521,675

DATE: 01/30/2005

TIME: 10:36:42

Input Set : A:\59520-00009.ST25.txt

Output Set: N:\CRF4\01302005\J521675.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date